

# Specialist Data Science

Job ID  
REQ-10033534  
Dec 11, 2024  
India

## Summary

Provide advanced analytics solutions delivery and reporting support to Novartis internal stakeholders. Utilize data science methodologies to drive continuous improvements and elevate client experience.

## About the Role

### Major accountabilities:

- Transform raw data into actionable business insights through advanced data science techniques and statistical analysis.
- Generate predictive and prescriptive analytics to inform business strategies.
- Develop, implement, and maintain machine learning models and solutions for various business problems.
- Conduct hypothesis testing, experimental design, and advanced statistical analysis to support decision-making.
- Implement data preprocessing and feature engineering techniques to prepare data for modeling.
- Evaluate model performance and conduct model tuning to ensure accuracy and reliability.
- Develop interactive visualizations using state-of-the-art tools compatible with Novartis servers to support data-driven decisions.
- Develop dashboards that effectively communicate insights and trends to stakeholders.
- Create (semi) automated scripts and workflows for data processing, analysis, and reporting to eliminate manual steps and improve efficiency.
- Translate stakeholders' requirements into actionable analytics projects and deliverables.
- Maintain regular communication with stakeholders to manage expectations and gather feedback.
- Provide training to end-users on the functionality and utility of new analytics solutions and dashboards.
- Monitor compliance and ensure the accuracy and timeliness of deliverables.
- Adhere to training on relevant procedures before engaging in any GxP activities.
- Continuously report the status of deliverables and acquire process knowledge.
- Stay current with the latest data science tools, methodologies, and trends to ensure the analytics function remains cutting-edge.
- Drive the development of proof-of-concept projects, ad hoc analyses, new reporting initiatives, and customer showcasing.
- Foster a culture of innovation and continuous learning within the team.
- Comply with all internal functional operating procedures, such as time tracking, KPI tracking, and reporting.
- Contribute to developing and sustaining an inspiring, curious, and un-bossed culture.

### Key performance indicators:

- Speed of delivery & quality of deliverables
- Complexity of projects
- Standardization of processes
- Innovation & new technology adoption
- Agile practices for productivity
- Technical & functional mentoring
- Art of story telling

**Minimum Requirements:**

**Work Experience:**

- Good knowledge of data analytics, managing large and multiple datasets coming from multiple databases/sources
- Experience in BI reporting and KPI development, testing & development
- Hands on expertise on ETL and data wrangling tools like Alteryx Python, SQL or similar.
- Hands on expertise on developing dashboards, UI/UX in QlikSense, Tableau, publish and managing access on server platform.
- Proficiency in data science, including machine learning, statistical analysis, and advanced analytics techniques.
- Proven ability to work with data and create powerful presentations

**Languages :**

- English.

**Why Novartis:** Helping people with disease and their families takes more than innovative science. It takes a community of smart, passionate people like you. Collaborating, supporting and inspiring each other.

Combining to achieve breakthroughs that change patients' lives. Ready to create a brighter future together?

<https://www.novartis.com/about/strategy/people-and-culture>

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Division

Operations

Business Unit

Innovative Medicines

Location

India

Site

Telangana

Company / Legal Entity

IN10 (FCRS = IN010) Novartis Healthcare Private Limited

Functional Area

Technical Operations

Job Type

Full time

Employment Type

Regular

Shift Work

No

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Novartis is committed to building an outstanding, inclusive work environment and diverse teams' representative of the patients and communities we serve.

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